 ex of Cla	

Application/Control No.

10/618,288

Examiner

Date

**Emily Bernhardt** 

Applicant(s)/Patent under Reexamination

BARTA ET AL.

Art Unit

1624

٧	Rejected Allowed
.,	Painstad

(Through numeral)
 Cancelled
 + Restricted

Claim

Non-Elected

I Interference

A Appeal
O Objected

CI	aim	Date													
	Ť.	15	7	Т	Т	<u> </u>	Ť	Γ.	Τ-	Т	-				
-	<u>a</u>	78	·l		1	1		1							
Final	Original	18	.i		ļ			1		1					
ű.	Ę	100	1		1			1	i	ı					
	'	103	1.						·l						
	1	レ	1	T	T	1	t	İ	1	1	-				
	1 2 3 4 5	V		-	1-	+-	╁	╁╾	┿	+	-				
	1 2	10	┢─	├	┝	┼	┢	┼	╁	+					
	3	12	1_	<b>-</b>	<u> </u>	4_	┡	_	┡	┼					
	4	4	<u> </u>				_		<u> </u>	_					
	5	Ш							l						
	6	П						Г	Т						
	7	V	1	$\vdash$	1	1			1	1	-				
	8	1	╆╌	┢	-	╁╌	┼─	-	╁	╁	-				
	10	10	1—	⊢	-	<del> </del>	⊢	┼	╄	╆	_				
	9	<u>~</u>		<u> </u>	_	<del>  _</del>	╙	┞	↓_	╄-	_				
	10	1	1					L							
	11	W	L			1	_	_		1					
	12	1	ĺ		Г	Т	П	Г	1	Т	-				
	12 13 14	††	1	$\vdash$	$\vdash$	$\vdash$	<u> </u>	T	T	1-	-				
	144	ᄔ	$\vdash$	<del> </del>	$\vdash$	$\vdash$	$\vdash$	$\vdash$	+	╁	-				
	14	1	<u>_</u>	<b>—</b>	-	$\vdash$	├			<b>├</b>	_				
	15	1	1_	lacksquare	$\vdash$	<u> </u>	<u> </u>	<u> </u>	$\vdash$	↓_					
	16	N	1_	L		L	L	L	L	L					
	17	N	1		Γ				Π		1				
	18	N	1			1		T		1	Ī				
	18 19	V	╆	$\vdash$	╁	+-	<del>                                     </del>	$\vdash$	+-	+-	1				
	13	1	<u>-</u>	⊢	-	┼-	-	├	├	+	_				
	20	15	_	L.	╙	<del> </del>	<u> </u>	_	↓_	<u> </u>					
	21	1	1					L							
	22	In	ł –	l	1		1	1		1					
	23	1			Г					1	1				
	24	17			$\vdash$	1	$\vdash$	_	$\vdash$	+	7				
	25	11	-	-	<del> </del>	1	$\vdash$	┝	$\vdash$	-	-				
	25		u	-	-	▙	$\vdash$	-	▙	┞	_				
	26	1	$\vdash$	ļ	_	╙		<u> </u>	┖	$oldsymbol{oldsymbol{oldsymbol{eta}}}$					
	27	IN	1_						L	L					
•	28	1				Ī			Г						
	29	I.I			_					1	1				
	30	T	t	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	-	┢	1	1				
	31	╁	╁	┝	┢	1	$\vdash$	├-	$\vdash$	┢	4				
	31	Н-	-	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	⊢	<u> </u>	_				
	32	Ц.	<u> </u>	L.,	<u> </u>	_	_	<u> </u>	<u> </u>	<u> </u>					
	33	Ш	L	L	L	L	L	L	L	L					
•	34	$\prod$						_			1				
	35	П	1					Ι_	П	Г	1				
	36	╁	_		<del>  -</del>	1		-		$\vdash$	1				
	37	H	$\vdash$	-	-	$\vdash$	-	$\vdash$	-	-	4				
		#	<u> </u>	<u> </u>	<b>.</b>	_		<u> </u>	<u> </u>	_	4				
	38	IL.	_		_		Ŀ				J				
	39	Ш		L	L				_		1				
	40	IT						Ţ.	_	Г	1				
	41	H		_			$\vdash$	$\vdash$	$\vdash$	<del>                                     </del>	1				
	42	4	$\vdash$		-	$\vdash$	$\vdash$	$\vdash$	-	-	ł				
	42	_	<u> </u>		_	<u> </u>	$\vdash$	<u> </u>	<u> </u>	<b> </b>	ŀ				
	43	1	$\vdash$		_	<u> </u>	Ц.		L		l				
	44 45	N	_			L		L	L	L	J				
	45	V									1				
	46	Ť								$\vdash$	1				
_	47	Н	Н		_	$\vdash$	$\dashv$	-	-	$\vdash$	ł				
_	40	H	-			Н			$\vdash$	$\vdash$	ł				
	48	H	Щ.	_		Щ				<u> </u>					
	49									l	ĺ				
	50	$\downarrow$		_		_	_	_	$\overline{}$		ı				

:::::			+		_	_						J
	1	-	78						1			ı
	ক্	َ قِيْ	×		i							ı
	Final	Original	بط									ı
		0	05									1
		51	₩		H	Н	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1
		52	1			├-	-	┝	┝	┝	$\vdash$	ł
		52	╀	-	-	⊢	┝	⊢	┢	┝	$\vdash$	1
		53	╀	├		⊢	-	-	<del> </del>	⊢	-	4
		54	₽	⊢		<b> </b>	-	<u> </u>	Ļ.	<u> </u>	<u> </u>	4
	<u> </u>	55	H	_		_	_	<u> </u>	_	<u> </u>	_	4
		56	4	<u> </u>	L	_	_		_	<u> </u>	_	4
		57	#	匚	_	_	_		_	_	_	4
		58	Ц_		_	_			<u> </u>	_	L	1
		59	Щ	L	_							
	<u> </u>	60	V	_	L							
	L	61	<u>'/</u>			Ŀ						1
		62	V		Γ							1
		63	N	1		П						1
		64	V	r		<u> </u>						1
		51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80	N		Ι	Г			_	$\vdash$	$\vdash$	1
		66	V	~	$\vdash$	•			_	-	_	1
		67	1	_	$\vdash$	<u> </u>	-	$\vdash$	$\vdash$	<del> </del>	_	١
		68	/V	_			-			$\vdash$	_	ł
	<del> </del>	60	╁	_	_		┝┈	_		-	-	ł
	<del> </del>	70	+		$\vdash$	-	-	-	_	_	_	ł
		70	₽		_		<u> </u>		_	_	-	4
		1/1	Н		<u> </u>	_	_		_			4
		72	4	<u> </u>			L.,			_	<u> </u>	4
		73	w,				<u> </u>					Į
		74	V	_		_						l
		75	V									J
		76	V									]
		77	0									]
		78	0									Ì
		79	~								П	١
		80	Ň									١
		81	7									١
		82						$\neg$			_	١
		83		П	-						_	١
		84	$\vdash$			Ι	Н	$\neg$		H		l
		85	H				$\vdash$	$\dashv$	-			١
		81 82 83 84 85 86 87	Н				$\vdash$	-			_	l
		87	H	$\dashv$	-		$\dashv$	-	$\vdash$			l
		80.	H				Н	$\dashv$			_	1
		88 <sup>-</sup>	Н		_		$\dashv$		-			l
		90	Н	-		$\vdash$	_	-	_	-	_	l
		90	H		_				_	_		l
		91	Ш	_	_		_	_		_		١
		92	Ш		_		_		_			l
		93	Ш	_								
		94	41									l
		92 93 94 95 96	Ш	[			I	[		_]		1
]		96	$\prod$		]							
[		97	П	_]			$\neg$	$\Box$	$\neg$			
		97 98	П				寸		$\neg$	$\neg$	$\neg$	
		99	T				$\dashv$		一	$\neg$	$\neg$	1
		100	V	$\neg$			$\neg$	_	7	$\dashv$	$\exists$	
····L			: <b>7</b>									ŕ

CI	aim					Dat	е			
Final	Original	78105 1								
	101	N	1							П
	102 103		П	Γ			Γ			
	103	П	1				Г	Г		П
	104	Т	П							П
	105	Т		Г						П
	106	T	Г				Г			
	107	T		Г				Г		
	108	Т		1					$\vdash$	
	109	T								
	110	Т							Г	
	111	Т	Т	Г						
	112	Т	Г	Г					Г	
	113	П		Γ				Г	П	П
	114	Т	Т	Г		Ì	Ι	1		П
	115	1	Г	Г		T		$I^-$		П
	116	T	Т			T -		Г		П
	117							T		П
	118	$\top$			_					П
	119	T	Г	_				Ė		
	120	T	_					Г	Т	П
	121	T		T				Г	$\vdash$	Н
	122	T	T		$\vdash$	$\vdash$				Н
	123	1			-	┢	_	┰	$\vdash$	Н
	121 122 123 124 125 126	T	$\vdash$		<del>                                     </del>	$\vdash$		1		Н
-	125	+	T				$\vdash$		<del>                                     </del>	$\vdash$
	126	+	1	_	H	$\vdash$	_		$\vdash$	Н
	127	+	1		$\vdash$	┢	$\vdash$	H	<del>                                     </del>	Н
	127 128	+	$\vdash$	$\vdash$	_	H			-	Н
	129	T	_			_	$\vdash$	$\vdash$	_	Н
	129 130	十					$\vdash$	_	-	Н
	131	$\dagger$	$\vdash$	$\vdash$	H	-	$\vdash$	┢	-	Н
	132	+	$\vdash$		-	-	$\vdash$	-	$\vdash$	$\vdash$
	133	+	$\vdash$				$\vdash$	<del>                                     </del>		H
	134	1	П	$\vdash$	_	Н		$\vdash$		$\vdash$
	135	†	$\vdash$		_		<u> </u>	<del>                                     </del>	$\vdash$	Н
	135 136	+	Т		_		-	$\vdash$	$\vdash$	$\vdash$
	137	+		Н				$\vdash$	$\vdash$	Н
	138	$\dagger$			-				$\vdash$	Н
	138 139	†	$\vdash$	Н	`	_	_	Н	-	Н
	140	†		Н		$\vdash$	$\vdash$	Η		$\dashv$
	141	†	$\vdash$	Н	-	Н		_		
	142	T		$\vdash$				$\vdash$		-
	143	†	$\vdash$	$\vdash$				Н	Н	$\dashv$
	144	†	Н	$\vdash$	-	$\vdash$			Н	$\dashv$
	145	t	Н			$\dashv$			$\vdash$	$\dashv$
	146	+	$\vdash$	$\neg$	T	$\dashv$			-	$\dashv$
	147	1	$\vdash$	-		$\dashv$	-	$\vdash$		$\dashv$
	148	+		$\neg$		$\neg$	-		-	$\dashv$
	149	T	$\vdash$	-	-	-	$\dashv$	$\vdash$	$\dashv$	$\dashv$
	150	t	Н	$\dashv$	$\dashv$		$\overline{}$	$\dashv$	-	$\dashv$
	100	7		1						

Index of Claims (continued)	Application/Control No.	Applicant(s)/Patent under Reexamination
]	10/618,288	BARTA ET AL.
	Examiner	Art Unit .
	Emily Bernhardt	1624

Interference

Restricted

0

Objected

Clair	m			Date			_	Č	aim	Date								CI	aim	Date									
Final	Original	7						Final	Original	2/8/2	-							. Final	Original	7/8/0	\								
1	151	N/	$\vdash$	┼┼	╅	┼-	-		201	M	+	+-	$\vdash$	+						N	$\vdash$	Н						-	
	152		-	<del>     </del>		╁╾┼╴	-		202	<del>'</del>		+	H	+	+	$\dashv$	-		251 252	<u>//</u>	H	-1	-	•	-	Н	$\dashv$	<u> </u>	
	153	$H^-$			1	T	-		203	T	-	+	$\vdash$	$\dashv$	+	-			253	Н	Н	-		_			$\dashv$	_	
1	154	$\Pi$			$\top$		7		204	T	_	1	П	$\top$	$\top$	$\neg$	•		254	H	Н								
	155						7		205	П									255	H	H						7		
	56						]		206	П			П						256	π	П						$\exists$		
	57			$\sqcup$					207										257	Т							$\Box$		
	158	Ц_			<u> </u>	$\sqcup \sqcup$	_		208										258										
	59	<b>├</b>		$\vdash \vdash$	<b>.</b>	$\perp \perp$	_		209	Ш				_	$\perp$	_			259								$\Box$	·	
	60	├	<del>   -</del>	$\vdash$	_	<del>                                     </del>	4		210	$\perp$	4	_ _	Щ			_			260	Щ						$\Box$	$\dashv$		
	61 62	$\vdash\vdash$	<del>                                     </del>	<del>     </del>	+	+	-		211		$\dashv$		$\sqcup$	+	$\dashv$				261	$\!$	Ш			_	Ш	$\sqcup$			
	63	<del> - </del> -	-	$\vdash$	-	┼-	-		212	-	-				-	_	<b>,</b>		262	4	$\sqcup$	$\square$	$\sqcup$		Ш		_		
	64	$\vdash \vdash$		$\vdash$	+	╁╼┼╸	-		213 214			+	$\vdash$	$\dashv$	+				263	$\!$	┟╌┨	$\left  - \right $	-	_	-	-		_	
	65	$\vdash\vdash$		+	+-	+-+	-		215	1-	$\dashv$	+		-	++		⊪⊦		264 265	#-		$\vdash \vdash$		-	Н		$\dashv$	_	
	66	$\vdash$	$\vdash$	++	+	<del>   -</del>	-		216	+		+	$\vdash$	+	+	-			266	+	$\vdash$	$\vdash$	$\vdash$		$\vdash\vdash$	$\vdash$	$\dashv$		
	67			Ħ	-		-		217	$\dagger$	-	+	H	$\dashv$	+	-			267	H	Н	$\dashv$	$\dashv$	-			$\dashv$	_	
	68	1		<del>   </del> -	1	11-	7		218	11	$\top$	+	$\Box$	$\dashv$	17	$\dashv$	- t		268	H	H	$\vdash$	+	_	Н	$\vdash$	$\dashv$		
1	69						7		219	11	$\top$	$\top$		1	11	$\neg$			269	H	Н					$\dashv$	$\dashv$		
	70						7		220			$\top$	П	$\neg$	$\vdash$				270	H			$\neg$	$\neg$			$\dashv$		
	71								221	T				T i					271	$\top$	П						$\neg$		
	72	Ц_							222	$\Box$									272								$\neg$	_	
	73	11_					_		223	Ш									273								$\neg$		
	74	₩.	<u> </u>			$\perp \perp$	_		224	$\perp$			Ш		$\perp$				274				$\Box$				$\Box$		
	75	Н-	Н-		+	-	4		225	$\sqcup$		_	Ш		$\bot$	_			275	Щ	Ш		_				$ \bot $	_	
	76 77	₩-	-		+	-	-		226	+	$\dashv$		Ш	_	+		-		276	4			_	_		$\Box$	_		
	78	₩		$\vdash$		+-	-		227	+	+		-			_	-		277	1	$\square$		_				$\dashv$	_	
	79	+				┼ ┼	-		228 229	+		-	$\vdash$				-		278	4	-			-	_		_		
	80	H -	$\dashv$	++	+	╁┼	-		230	+	+	+	$\vdash$	+	++		ŀ		279 280	╀	Н		-	-					
	81	1			+	$\vdash$	-		231	++	_	-	$\vdash$	+	+	$\dashv$	-		281	+	$\vdash$	-		$\dashv$	-	$\dashv$	$\dashv$		
	82	tt			1	1			232	+11	-	+	Н	$\dashv$	+	$\dashv$	-	-	282	+	$\vdash$	$\dashv$		$\dashv$	$\vdash$	$\dashv$	$\dashv$	_	
	83	1			1		7		233	Ħ	$\dashv$	1	$\Box$	1	1	$\dashv$	-		283	t	$\vdash$	$\dashv$	_		$\neg$	$\dashv$	十		
	84	$\Pi$			1		7		234	1		$\top$	$\Box$			T			284		$\rightarrow$	$\dashv$	一	-		$\dashv$	十		
	85						]!!!![		235	$\mathbf{I}$				$\neg \vdash$					285		$\neg$	$\neg$	寸				寸	_	
	86				$\perp$				236	$\Pi$									286	T		$\neg$	$\neg$				ヿ	_	
	87	<del>                                      </del>					]		237	П									287								$\neg$	_	
	88	$\sqcup$		$oxed{oxed}$			J∷II		238	41	$\perp$								288	$\Gamma$									
	89	+		$\vdash$			-		239	41		4_	$\sqcup$		$\bot$	$\Box$	L	[	289	$\perp$		$\Box$				$\Box$	$oldsymbol{\bot}$		
	90	+	-		+	<del>    .</del> -	-		240	-44	-	4_	$\sqcup$	$\bot$	+	_	L		290	$\perp$	Ш			_			$\bot$	_	
	91   92	+		⊢+-			-	-	241	++	- -	+-	$\vdash \vdash$	+	++		ŀ		291	$\bot$	$\sqcup$	$\dashv$	_	_	_	_	$\dashv$		
	93	H	+	<del>                                     </del>		<del>                                     </del>	┨╟╟		242 243	╂┼	+-	+-	-	+	+		-		292	╀	$\vdash$	-	_	4	_	_	_	_	
	94	╫	+	- -	+-	<del>                                     </del>	╢╟		244	╁	$\dashv$	+	$\dashv$	+	+		ŀ		293	+	-		-	4		-	$\dashv$		
	95			+	+	<del>                                     </del>	╣		245	╫	<del>-</del>	+	╌┤	+	++		ŀ		294 295	+			4	-		-	$\dashv$	_	
	96	11-1	-	<del>                                     </del>	+	<del>                                     </del>	┪		246	++	-	+	$\dashv$	$\dashv$	++		:::\		296	+		$\dashv$	$\dashv$	-		$\dashv$	$\dashv$	_	
	97	1	_				1		247	++		+	$\vdash$	+	+ +		# H	$\dashv$	297	+	-		-	+		$\dashv$	$\dashv$		
	98	$\Pi$			11		1 1		248	††	_	+		-	++	$\dashv$			298	+	-	-+	$\dashv$	$\dashv$		$\dashv$	+	_	
19	99	$\Pi$					1		249	71	_	$\top$	$\Box$	$\dashv$	† †			$\neg +$	299	+	$\dashv$	$\dashv$	十	+	-	$\dashv$	+		
2	00 ·	V					]!!!![		250	V		$\top$		$\neg$	11					¥	-	7	$\dashv$	$\dashv$	-	7.	+	_	

Allowed

																10 Ex	0/6 xan	18 nin	,28 ner	38							В	AF	RT/ Uni	A E	Τ.	AL.	<u>.</u>		<u> </u>	
																	mil				ar	dt	_					62								
			<b>√</b>	Re	эјес	ted			_		(TI	hrou Ca	ıgh ı	nur	ner d	al)			N	Non-Elected				Α		\pr	ea	ıl								
			=	Α	llow	/ed			÷			Re	estri	cte	d				ı	lı	nte	rfe	rer	ice		0		O	bje	cte	∌d					
	Cla	aim	7			Da	te	1		$\Box$		CI	aim I	7			P	ate	•					С	aim	F				Date	•		_			
	Final	· Original	18/18/									Final	Original	8 05	}									Final	Original	1										
	. ,	301	N		1	#	+						334	N			#																#	ㅣ		
	···		#		#	#	+	F		$\exists$				H			_								-				_					╡		
			1			#	<del> </del>						·	$\parallel$			#													_						
			#		$\downarrow$	#											#																$\exists$	╛		
					$\downarrow$	+	╁						77.				$\equiv$																			
						$\pm$							360				_							-		-		_					$\dashv$	$\dashv$		
				$\dashv$		+	╁	├	H	$\dashv$				H	-	$\dashv$	-					-				_							4	4		
			F		4	$\vdash$	-	F	П	$\exists$				П		_	4	$\exists$	_								Ŀ	_	_			_	7	4		
					#	1	#			$\exists$				Ħ			#																_			•
					#	#						-		Ц			1		_	-														╛		
					士	+	L						370															-	-			_	$\dashv$	$\dashv$		
				$\dashv$	+	+	+	-	$\vdash$	_	-			H		_	4	4										$\exists$				_	7	$\exists$		
				$\dashv$	#.	F	1						371	J		_	7	7				$\Box$						$\exists$				$\exists$	1			
						#	+						- 1					#																		
							1				-	,						$\exists$		_							$\vdash$	-			•	$\dashv$	$\dashv$	$\dashv$		
			$\mathbb{H}$		-	+	+	H	H	_						$\dashv$	$\dashv$	7	$\dashv$	_							$\Box$		_			4	$\dashv$	7		
			$\blacksquare$	4	4.	1	-							L		$\exists$	1	4		_													$\downarrow$			
					1	丰	L				ŀ						$\pm$																			•
. }			+	_	+	+-	╁	-	H		-				$\mid \cdot \mid$	-	+	_	-			$\dashv$				-		$\dashv$		_	$\dashv$	$\dashv$		_		
						$\perp$	$\vdash$			$\exists$	ļ		<u> </u>			4	$\dashv$															$\rightrightarrows$	1			
					$\perp$						ŀ						1	1				$\exists$											$\exists$	_		
}					_	$\perp$	上				-		E	H			$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$				$\vdash$	$\dashv$	$\dashv$	$\dashv$	-	-	$\dashv$	$-\Gamma$	$\dashv$		
-			$  \cdot    $	$\dashv$	<u> </u>	F	$\vdash$	$\vdash$	$\exists$	$\exists$	F					$\dashv$	7	7	4		4	$\exists$				H		7			4	#	1	4		
			$\parallel$	_	$\perp$	丰	$\vdash$			$\exists$	ļ					$\exists$	#	$\downarrow$			$\exists$					Ħ		$\exists$				$\exists$	$\exists$			
ļ			1	$\exists$						$\exists$	ŀ					$\exists$	$\perp$	$\pm$			$\exists$							_		_	$\dashv$	$\dashv$	+	$\dashv$		
}			+	$\dashv$	+	+	+	H	$\dashv$	$\dashv$	-			_	$\dashv$	$\dashv$	$\dashv$	4	$\dashv$	4	$\dashv$	4					7	$\dashv$	4	4	$\dashv$	7	1	$\exists$		
į			$\perp$								t				Н	+	$\dashv$	$\dashv$	1	$\dashv$	$\dashv$	$\dashv$			<b></b> -	Н	ᅱ	$\dashv$	$\dashv$	$\dashv$	+	+	+	$\dashv$		

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination